

WHAT IS CLAIMED IS:

1. A nonreciprocal circuit device comprising a plurality of central conductors overlappingly intersecting with each other and disposed on a magnetic member for receiving a DC magnetic field, wherein a solenoid-shaped inductor is connected between at least one port section of said central conductors and a signal input/output terminal, and said inductor is disposed so that the direction of the magnetic flux generated by said inductor and passing through said magnetic member is substantially perpendicular to the direction of said DC magnetic field.

2. A nonreciprocal circuit comprising:
a nonreciprocal circuit device according to Claim 1;
and
a capacitor connected in series to the inductor of said nonreciprocal circuit device, wherein a band pass filter comprises said capacitor and said inductor.

3. A nonreciprocal circuit comprising:
a nonreciprocal circuit device according to Claim 1;
and
capacitors connected between both ends of the inductor of said nonreciprocal circuit device and a ground,

wherein a low pass filter comprises said capacitors and said inductor.

4. A communication device comprising the nonreciprocal circuit device according to Claim 1, or the nonreciprocal circuit according to one of Claims 2 and 3.

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Concluded

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